



PUS_E005_105b.txt
SEQUENCE LISTING

<210> NERI, Dario
MELKKO, Samu

<120> Encoded Self-Assembling Chemical Libraries (Esachel)

<130> PUS-E005-105B

<140> 10/507,140

<141> 2002-04-15

<150> PCT/EP02/04153

<151> 2002-03-08

<160> 28

<170> PatentIn version 3.3

<210> 1

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer L19VH_Eco_fo

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tttcacacag aattcattaa agaggagaaa ttaactatgg aggtgcagct gttggagtct 60

<210> 2

<211> 66

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer L19VH_Hind_ba

<400> 2

tcaatctgat taagcttagt gatggtgatg gtgatgacat ccaccactcg agacggtgac 60

cagggt

66

<210> 3

<211> 63

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer L19VL_Eco_fo

<400> 3

tttcacacag aattcattaa agaggagaaa ttaactatgg aaattgtgtt gacgcagtct 60

cca

63

<210> 4

<211> 69

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer L19VL_Hind_ba

<400> 4

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tcaatctgat taagcttagt gatggtgatg gtgatgacat ccaccttga tttccacctt 60
ggtcccttg 69

<210> 5
<211> 60
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer HH10VH_Eco_fo

<400> 5
tttcacacag aattcattaa agaggagaaa ttaactatgg aggtgaagct gcagcagtct 60

<210> 6
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer HH10VH_Hind_ba

<400> 6
tcaatctgat taagcttagt gatggtgatg gtgatgacat ccacctgcag agacagtgac 60
cagagt 66

<210> 7
<211> 63
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer HH10VL_Eco_fo

<400> 7
tttcacacag aattcattaa agaggagaaa ttaactatgg atattgtgct aactcagtct 60
cca 63

<210> 8
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer HH10VL_Hind_ba

<400> 8
tcaatctgat taagcttagt gatggtgatg gtgatgacat ccaccttta tttccagctt 60
ggtcccccc 69

<210> 9
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> with 5' -thiol

<400> 9

ggagcttctg aattctgtgt gctgcataat cgacacgaat tccgcagc

48

<210> 10
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> with 3' -thiol

<400> 10
tcgcgagggg aattcgtcat atatcagcac acagaattca gaagctcc

48

<210> 11
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> HyHe10_5SH with 5'-thiol

<400> 11
ggagcttctg aattctgtgt gctgcagtgg cgacacgaat tccgcagc

48

<210> 12
<211> 48
<212> DNA
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<220>
<223> Primer HyHe10_3SH with 3'-thiol

<400> 12
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48

<210> 13
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer GST_5SH with 5'-thiol

<400> 13
ggagcttctg aattctgtgt gctgctgagg cgacacgaat tccgcagc

48

<210> 14
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer GST_3SH with 3'-thiol

<400> 14
tcgcgagggg aattcgtcaa gaggcagcac acagaattca gaagctcc

48

<210> 15
<211> 24
<212> DNA
<213> Artificial Sequence

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<220>
<223> Primer 1AB_PCRfo

<400> 15
ggagcttctg aattctgtgt gctg

24

<210> 16
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer 1A_PCRba

<400> 16
gctgcggaat tcgtgtcg

18

<210> 17
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer 1B_PCRba

<400> 17
tcgcgagggg aattcgtc

18

<210> 18
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer typeB_oligo

<400> 18
gcataccgga attcccaagca taatgatcgc tatcgctgc

39

<210> 19
<211> 63
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (40)..(45)
<223> Primer typeA_oligo with spacer elements n; n = deoxyribose backbone elements without bases

<400> 19
cgtcagctcg aattctccat atatgcagcg atagcgatcd ddddctggg aattccggta
tgc

60

63

<210> 20
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer CodeABfo

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<400> 20
gcataccgga attcccaag

18

<210> 21
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer CodeABba

<400> 21
cgtcagctcg aattctcc

18

<210> 22
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer with 5' sequence specifically coding a member of a sublibrary; where n is a, c, g, or t

<220>
<221> misc_feature
<222> (1)..(5)
<223> n is a, c, g, or t

<400> 22
nnnnncagca cacagaattc agaagctcc

29

<210> 23
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer with a 3' sequence specific for a member of a library; where n is a, c, g, or t

<220>
<221> misc_feature
<222> (25)..(29)
<223> n is a, c, g, or t

<400> 23
ggagcttctg aattctgtgt gctgnnnn

29

<210> 24
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer with 5' sequence specific for a chemical moiety linked to primer by a biotinylated base analog

<400> 24
cagcacacag aattcagaag ctcc

24

<210> 25

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<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer with 5' iminobiotinyl-NH-(CH₂)₆ group

<400> 25
ggagttctg aattctgtgt gctgattggc cgacacgaat tccgcagc 48

<210> 26
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer with 3' (CH₂)₆-NH-iminobiotinyl group

<400> 26
tcgcgagggg aattcgtcat ttaccagcac acagaattca gaagctcc 48

<210> 27
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer with 5' CY5-NH-(CH₂)₆ group

<400> 27
ggagttctg aattctgtgt gctgggtgtgc cgacacgaat tccgcagc 48

<210> 28
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer with 3' (CH₂)₆-NH-CY5 group

<400> 28
tcgcgagggg aattcgtcgt taagcagcac acagaattca gaagctcc 48